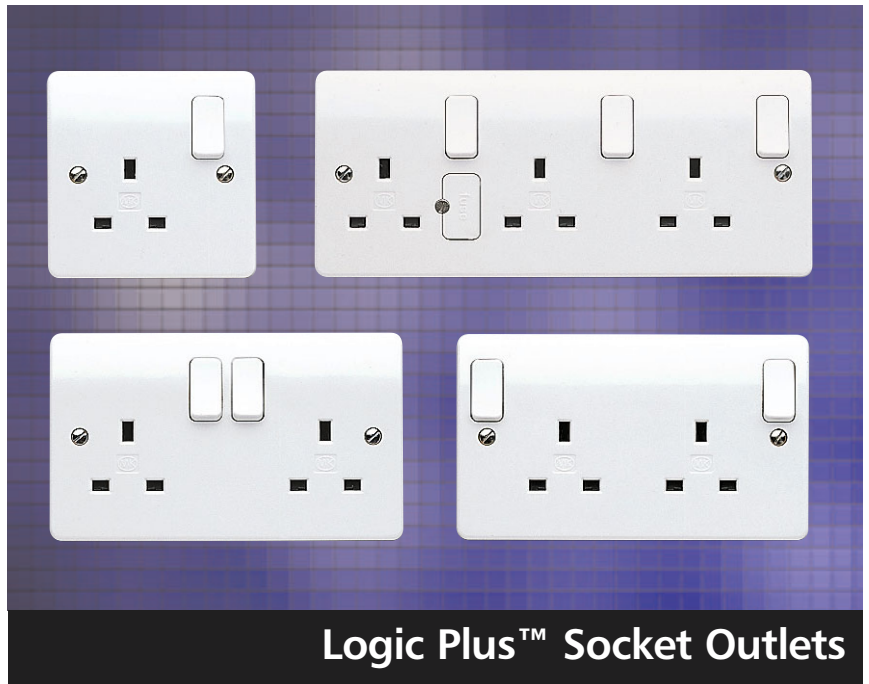


**Logic Plus**  
**Socket Outlets**

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**Logic Plus™ Socket Outlets**

| PRODUCT RANGE  |       |        |
|--|-------|--------|
| <b>1 gang</b>  |       |        |
| 13A Unswitched   | K780  | WHI    |
| 13A Switched   | K2757 | WHI    |
| 13A Switched, red rocker                               | K2757 | D1 WHI |
| 13A Switched, red rocker, red frontplate               | K2757 | D1 RED |
| 13A Switched, with neon                                | K2657 | WHI    |
| 13A Switched, with neon, red rocker and red frontplate | K2657 | D1 RED |
| 13A Switched, non-standard, clean earth                | K1257 | WHI    |
| 13A Switched, non-standard clean earth, red rocker     | K1257 | D1 WHI |

| PRODUCT RANGE  |       |        |
|--|-------|--------|
| <b>2 gang</b>  |       |        |
| 13A Unswitched   | K781  | WHI    |
| 13A Switched, inboard rockers  | K2747 | WHI    |
| 13A Switched, inboard red rockers  | K2747 | D1 WHI |
| 13A Switched, inboard red rockers & red frontplate                             | K2747 | D1 RED |
| 13A Switched, with inboard rockers and neons                                   | K2647 | WHI    |
| 13A Switched, outboard rockers   | K2746 | WHI    |
| 13A Switched, outboard red rockers   | K2746 | D1 WHI |
| 13A Switched, outboard red rockers & red frontplate                            | K2746 | D1 RED |
| 13A Switched, non-standard, clean earth, outboard rockers                      | K1246 | WHI    |
| 13A Switched, non-standard, clean earth, outboard red rockers                  | K1246 | D1 WHI |
| 13A Switched, non-standard, clean earth, outboard red rockers & red frontplate | K1246 | D1 RED |
| 13A Switched, clean earth, outboard rockers                                    | K2746 | CE WHI |
| <b>3 gang</b>  |       |        |
| 13A Switched fitted with 13A fuse  | K2737 | WHI    |
| 13A Replacement fuses (3 gang socket outlets only)                             | 610   |        |

**Description**

A range of socket outlets designed for ease of installation and having all the advantageous design features of the Logic Plus range. The 2 gang sockets with outboard rockers are of particular value for use by the infirm and partially sighted.

Non-standard clean earth sockets are for use on installations where restricted access is required and will only accept MK LN647 13A non-standard plug with T-shaped earth pin. The sockets have two independent earth terminals so that they can also be used for 'clean earth' installations. K2746 CE WHI has two independent earth terminals for 'clean earth' installations.

One gang switchsockets, two gang outboard switchsockets, two gang unswitched sockets and three gang switchsockets are fitted with two earth terminals on a common busbar to provide a double earth facility for use when installations are to comply with Regulation 607 of BS 7671, IEE Wiring Regulations. These should be referred to for guidance.

The products can be quickly installed as replacement for existing 13 amp sockets or in a new installation.

**Fuse carriers (3 gang switchsocket only)**

The fuse carrier is opened by a fast-acting, screwdriver-operated, worm-drive screw for ease of replacement.

**Round pin sockets**

A range of round pin sockets is also available, switched and unswitched.

**Standards and approvals**

All Logic Plus 13A socket outlets comply with BS 1363: Part 2: 1995.

Replacement fuses to the 3 gang socket outlets comply with BS 1362: 1973



**Logic Plus**  
**Socket Outlets**

2:3



| TECHNICAL SPECIFICATION  |  |
|--|--|
| <b>Electrical</b>  |  |
| Voltage rating:<br>250V a.c.   |  |
| Current rating:<br>13A per socket outlet<br>(except 3 gang which is 13 amp in total)   |  |
| Terminal capacity:<br>Live, neutral & earth<br>3 x 2.5mm <sup>2</sup><br>3 x 4mm <sup>2</sup><br>2 x 6mm <sup>2</sup> (stranded)<br>(Dual earth terminals on list Nos.<br>K781 WHI, K2657 WHI, K2737 WHI, K2746 WHI,<br>K2757 WHI) |  |
| <b>Physical</b>  |  |
| Ambient operating temperature:<br>-5°C to +40°C<br>(not to exceed an average of more than 25°C in any<br>24 hour period)   |  |
| IP rating:<br>IP4X   |  |
| Max. installation altitude:<br>2000 metres   |  |

**Features**

- Moulded 'on' indicator flash on switches will not rub off – totally safe
- Optional neon indicators in the switch rockers with 175° visibility in the horizontal and vertical planes
- Unique 3 pin operated safety shutter
- White terminal markings on grey rear mouldings for clearer identification
- Top access, angled terminals make wiring easier and quicker
- Minimum 3mm contact gap
- Double pole switching
- Choice of inboard or outboard positioned rockers
- Additional electrical safety from neutral 'make first', 'break last' feature
- Switch contacts with silver contacts on both surfaces for good continuity
- Only one size of screwdriver required for installation
- Dual earth terminals for high integrity earthing on list Nos. K781 WHI, K2657 WHI, K2737 WHI, K2746 WHI, K2757 WHI
- Backed out and captive terminal screws
- 'Clean earth' sockets available
- Non-standard 'clean earth' sockets available

**Box types**

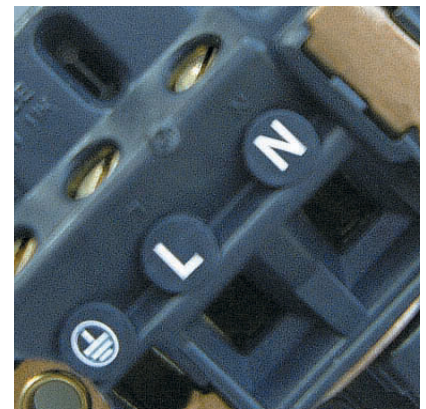
|        | Flush    | Flush (for extra wiring space) | Surface Insulated | Surface Metal       |
|--------|----------|--------------------------------|-------------------|---------------------|
| 1 gang | 861 ZIC  | 866 ZIC                        | K2140 WHI         | K2211 ALM/K2213 ALM |
| 2 gang | 862 ZIC  | 886 ZIC                        | K2142 WHI         | K2212 ALM/K2214 ALM |
| 3 gang | K863 ZIC | Not available                  | K2153 WHI         | Not available       |

**Installation**

Logic Plus socket outlets can be wall or bench mounted. Do not mount or use as a trailing socket or where they may be subject to excessive moisture or dampness.

**2 gang switchsocket – view from rear**

Top-facing, angled, backed-out terminals make wiring easier and quicker.



**Cable Management**

Logic Plus socket outlets can be mounted in a variety of MK trunking systems.

See MK catalogue for further details.

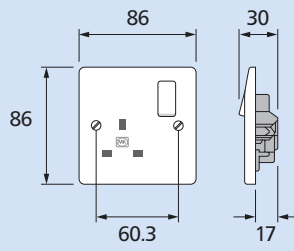


**Logic Plus**  
**Socket Outlets**

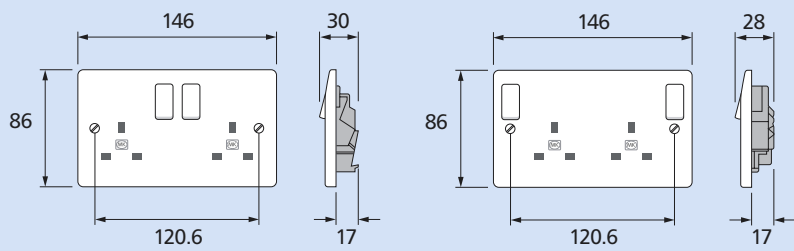
3:3

**Dimensions (mm)**

**1 gang**



**2 gang**



**3 gang**

